

CURRICULUM VITA

- 1) Name : Mrs. Dr. Yogini Ramkrishna Mulay
- 2) Educational Qualification : M.Sc. SET. Ph. D. (Microbiology)
- 3) Present Designation : IQAC Coordinator, Vice Principal
Professor, Department of Microbiology
- 4) Date of Birth : 28th June, 1974
- 5) Contact No. : 9764988295
- 6) Email ID : mailtoyogini3@gmail.com
- 7) Date of Appointment : 26th August, 1996
- 8) Teaching Experience : 27 Years 12 Days +
- 9) Date of joining in present college: 26th August, 1996

10) Educational Qualification:

Sr. No.	Examination Passed	University/ Board	Year of Passing	Subjects	Marks (%)	Class / Grade
1.	X th	Pune Division Board	1989	MAR, ENG, MATHS, SCI, SOC-SCI, HIN	81.14	Dist.
2.	XII th	Pune Division Board	1991	BIO, MATHS, PHY, CHEM, ENG	78.83	Dist.
3.	B.Sc.	University of Pune	1994	Microbiology	71.47	First
4.	M.Sc.	University of Pune	1996	Microbiology	63.15	First
5.	SET	University of Pune	1998	Life Science	pass	
6.	Ph.D.	SPPU, Pune	2018	Microbiology	-	Qualified

11) Total Research Publications : 13

a. M.Phil. / Ph.D./Research

Sr. No.	M.Phil./ Ph.D.Thesis Title	Name of The Univ.	Year of award	Name of Guide
1	Bioconjugation of enzymes and nanoparticles with special reference to amylase from Indigenous strains of <i>Aureobasidium pullulans</i>	Savitribai Phule Pune University, Pune.	2018	Dr. R.L. Deopurkar

b. Book:

Sr. No.	Title of Book	Year of publication	ISBN	Name & Place of Publisher

c. Chapter in Book:

Sr. No.	Title of Book & Name of Editor	Title of the Chapter	Year of publication	ISBN	Name & Place of Publisher

d. Research Paper:

Sr. No.	Title of the Paper	Name of Journal	Month and Year of publication	ISBN	UGC. No./Impact Factor/ Citation Details
1	Antibacterial activity of medicinal plants against dental pathogen.	Advances in plant science	2012	ISSN 0970-3586	UGC approval no 09703586
2	Purification and characterization of antifungal compounds	Advances in plant science	2012	ISSN 0970-3586	UGC approval no 09703586
3	Bacteriological analysis of drinking water samples from different villages of Baramati Tehsil	Interlink Research Analysis	2013		
4	Phytochemical analysis and antibacterial properties of some selected Indian medicinal plants	International Journal of Current Microbiology and Applied Sciences	2015	http://www.ncbi.nlm.nih.gov/pubmed/26111111	Two 18 r RNA sequences published
5	Production of amylase from indigenously isolated strain of Aureobasidium pullulans and its hyper producing mutant	Journal of Microbiology, Biotechnology and Food Science	2017	-	-
6	Purification, characterization of amylase from indigenously isolated Aureobasidium pullulans Cau19 and its bioconjugates with gold nanoparticles	Applied Biochemistry and Biotechnology	2018	-	-
7	Isolation and characterization of Probiotic Bacteria from various sources	International Journal of pharmacy and Biological Sciences	2019	ISSN: 2321-3272 (Print) ISSN: 2230-7605 (Online)	UGC approval
8	Studies on isolation, screening of of L-asparaginase producing bacteria	optimization and purification of	2019	ISSN: 2321-3272 (Print)	UGC approval

		L-asparaginase production		ISSN: 2230-7605 (Online)	
9	Composting of floral waste by using indigenously isolated microbial consortium : An approach towards the environment sustainability and waste management	International Journal of Environmental & Agriculture Research (IJOEAR)	04/04/2020	ISSN:[245 4-1850] [Vol-6, Issue-4, April-2020]	Peer reviewed
10	Green synthesis of Silver nanoparticles and their applications	International Journal of Environmental & Agriculture Research 7	2021	ISSN:245 4-1850	Peer reviewed
11	Metal toxicity: Adverse Effect of E-waste on Human Health and bioremediation	Ecology, Environment and Conservation	2021	S443 - S448	
12	Structural and functional properties of amylases Bioinfolet	-	2021		
13	Studies on Exopolysaccharide Production from <i>Aureobasidium pullulans</i> spi 10 and its Application as a Green Inhibitor for Corrosion mitigation	Journal of Applied Biology and Biotechnology	-	-	-

e. Research Project:

Sr. No.	Name of Funding Agency	Project Title	Funds Received	Month and Year of sanction	Duration of the Project	Status of Project
1	BCUD	Studies on Amylase from Thermophiles	2,50,000/-	2011-2013	2011-2013	Complete
2	BCUD	Kinetic & Catalytic properties of Amylase from <i>Aureobasidium pullulans</i>	2,00,000/-	2008-2010	2008-2010	Complete
3	UGC	Production , Purification & Characterization of an Amylase from indigenously isolated strain of <i>Aureobasidium pullulans</i>	87,000/-	2007-2009	2007-2009	Complete

4	BCUD	Studies on Vineyard isolates for the Biocontrol of fungal disease of Vitis Vinifera' (Co-investigator)	2,80,000/-	2011-2013	2011-2013	Complete
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f. Papers presented in Seminar / Conference:

Sr. No.	Name of the Conference/ Seminar	Topic of Paper Presented	Date	Level (State/ National/ International)	Organizer
1		Global warming & its consequences	10 th to 12 th Jan 2008		Agricultural Development Trust, Shardabai Pawar Mahila Mahaidyalaya.
2		Studies on amylase and Ehanol production from yeast like fungus <i>Aureobasidium pullulan 1049</i>	11 th to 13 th Jan. 2011		Agricultural Development Trust Shardabai pawar Mahila Mahaidyalaya
3		Purification and characterization of antifungal compounds produced by <i>Lactobacillus paracollinoides</i> isolate from fresh vegetables.	3 rd -Feb 2012		Tuljaram Chaturchand College, Baramati
4		Antibacterial activity of medicinal plant against dental pathogen	3 rd -Feb 2012		Tuljaram Chaturchand College, Baramati
5		Production of Amylase from Indigenously isolated <i>Aureobasidium pullulan</i>	19 th Nov. to 20 th Nov. 2008		The Regional Conference for Pune University Teachers
6		Production & kinetic study of amylase from <i>Aureobasidium pullulan</i>	12 th Nov.– 13 th Nov. 2009		The Regional Conference for Pune University Teachers
7		Starch based renewable fuel production	14 th Sep. to 15 th Sep. 2012		Shardachandra pawar Mahavidyalay, Lonand
8		Studies on biocontrol of pea rotting by <i>Pediococcus pentosaceus</i> .	22 nd – 25 th Nov, 2012		KIIT University, Bhubaneswar, Odisha
9		Studies on	27 th Dec.		Dept. of Botany

		Antimicrobial potential of Medicinal Plants Against Pathogens Isolated from Pus.	to 28 th Dec.2012		Mahatma Gandhi Mahavidyalaya Ahmedpur Dist. Latur (MS)
10		Starch based bioethanol production	11 th Jan 2013 to 12 th Jan 2013		Dept. of Microbiology, Yashvantrao Chavan Institute of Science, Satara
11		Bacteriological analysis of drinking water samples from Baramati taluka of Pune district.	18 th Jan 2013 to 19 th Jan 2013		Dept. of Botany, Maharashtra Udayagiri Mahavidyalaya Udgir
12		Biosynthesis of silver nanoparticles by Yeast strain	19 -20 Dec. 2014		Dept. of Microbiology, HPT Arts and RYK science College, and BCUD, Savitribai Phule Pune University, Pune
13		Strain Improvement of <i>Aureobasidium pullulans</i> for glucoamylase production	9 th and 10 th February, 2016		Pune District Education Association, Annasaheb Magar Mahavidyalaya, Pune. and BCUD, SPPU, Pune.
14		Use of <i>Aureobasidium pullulans</i> strain isolated from phyllosphere -for direct alcohol fermentation.	11 -13 February, 2016		Tuljaram Chaturchand College, Baramati.
15		Green biosynthesis of Gold nanoparticles and its application : for formation of Bioconjugate of amylase	17-21 July 2017		International Union of microbiological societies Singapore
16		Antimicrobial Properties of Different Medicinal Plants: Against Bacterial Pathogens	7 th to 9 th Feb 2019		Department of Microbiology Tuljaram Chaturchand College, Baramati
17		Biosynthesis and Characterization of Yttrium oxide nanoparticles using Aegle marmelos leaf extract and evaluation of its antimicrobial activity	17/01/2020 to 18/01/20	National	Conference on Phage _ A Boon in Disguise organized by Department of Microbiology. Abeda Inamdar Senior College of Arts, Science & Commerce, Pune.

18		Temple floral waste management using microbial consortium	17/01/202 to 18/01/20	National	Conference on Phage _ A Boon in Disguise organized by Department of Microbiology. Abeda Inamdar Senior College of Arts, Science & Commerce, Pune.
19		Optimization of feather degradation by Classical and Plackett-Burman	11/02/20 to 12/02/20	International	Conference on bioengineering and life sciences organized by New Arts, commerce and science college, Ahmed nagar
20		Development of nano-biocatalytic model by immobilization of amylase on silver nanoparticles	24 to 26 Oct 2019	International	Conference on Life , chemical and health science organized by Department of Life Science Ramaiah College of Arts, Science & Commerce in collaboration with Karnataka Science and Technology Academy (KSTA) Department of IT , BT and Science & Technology . Government of Karnataka (GoK)

g. Patents published/Register: _____

12) Research Guidance:

a) Guide ship Details

Sr. No.	M.Phil./ Ph.D. Guide	Name of University	Month & Year of recognition	No. of Research Scholars	
				Completed	Perusing
1	Ph.D. Guide	Savitribai Phule Pune University Pune	09/12/2021 To 27 /6/2031		06

b) Research Guidance

Sr. No.	Name of Scholar	Name of University	Month and Year Registration	Title of the Research
1	Ms. Kajal Mahadev Gaikwad	SPPU	6/05/2023	Development of biocatalytic model for

				corrosion mitigation
2	Ms. Prajakta Dattatray Markale	SPPU	6/05/2023	Development of microbial consortium for production of bioethanol by using algal biomass
3	Ms. Priyanka Vasant Mali	SPPU	09/05/2023	Biocomposite formation using pullulan and fruit peels for eco friendly food packaging

13) Professional recognition / award/ fellowship etc.

Sr. No	Name of Award/ Recognition	Awarding Agency	Date
1	Travel grant award to participate in International conference , Singapore	BCUD	2017-18
2	Nominated as BoS member in Microbiology	SPPU, Pune	2018 to 31/08/2022
3	Appointed as an IQAC Coordinator of Tuljaram Chaturchand College	Tuljaram Chaturchand College	1/ 06/2020
4	Appointed as an NAAC Coordinator of Tuljaram Chaturchand College	Tuljaram Chaturchand College	1/ 06/2020
5	Appointed as Vice Principal	Tuljaram Chaturchand College	5/01/2021
6	Member of College Development Committee	Tuljaram Chaturchand College	17/10/2022
7	Member of Purchase committee	Tuljaram Chaturchand College	1/9/2021
8	Member of Academic Council	Tuljaram Chaturchand College	1/6/2022

14) E-Content Development: Nil

15) Work Experience on Academic Bodies and other:

Sr. No.	Designation/ Position	Duration	Name of Institute / University	Details
1	Member of time table committee	2011-2112	T.C. College	
2	Member of soft skill development	2011-2012	T.C. College	

	program			
3	Member of medical checkup committee	2011-2012	T.C. College	
4	Worked as a departmental IQAC Coordinator	2012-2013	T.C. College	
5	Member of time table committee	2012-2013	T.C. College	
6	Member of Women Empowerment cell.	2012-2014	T.C. College	
7	Member of soft skill development program	2017-18	T.C. College	
8	Member of blood donation committee.	2012 -2015	T.C. College	
9	STAR college scheme Ass. Coordinator	2017-2020	T.C. College	
10	Member of placement cell & Employment news.	2016-2017	T.C. College	
11	Member of ED cell	2019 onwards	T.C. College	
12	IQAC Coordinator	1/06/20 onwards	T.C. College	
13	NAAC Coordinator	1/06/20 onwards	T.C. College	
14	Green Audit	1/06/20 onwards	T.C. College	
15	Energy Audit	1/06/20 onwards	T.C. College	
16	UGC PARAMARSH scheme	1/06/20 onwards	T.C. College	
17	Member of College Development Committee	20-21	T.C. College	
18	Member of Autonomous Steering Committee	20-21	T.C. College	
19	Member of Planning and Evaluation Committee	20-21	T.C. College	
20	Member of Centre for Innovative and Applied Research (CIAR)	20-21	T.C. College	
21	Member of Student Development Committee	20-21	T.C. College	
22	Member of anti sexual Harassment Committee	20-21	T.C. College	
23	Member of women Empowerment	20-21	T.C. College	
24	Member of College handbook	20-21	T.C. College	
25	Member of library Advisory Committee	20-21	T.C. College	
26	Vice Principal	5/6/2021 onwards	T.C. College	
27	Member of Purchase Committee	1/9/2021 to 1/9/2024	T.C. College	
28	Member of Academic Council	15/06/22 onwards	T.C. College	
29	Member of College Development Committee	17/10/2022 onwards	T.C. College	

16) Life Membership of Profession Bodies:

Sr. No.	Name of Professional Body
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1	Association of Microbiologist of India
2	Microbiologist Society

17) Any other Attainment:

- 1) **Second prize** for poster presentation in **National Conference** “ Recent Trends in Nanoscience : Techniques and Applications for Life Sciences” organized by Dept. of Microbiology, HPT Arts and RYK science College, and BCUD, Savitribai Phule Pune University, Pune.
- 2) **Second prize** for poster presentation in **International conference** on “Plant Research and Resource Management” organized by Tuljaram Chaturchand College of Arts, Science and commerce, Baramati in Collaboration with Academy of plant Sciences, India, Muzaffarnagar (U.P.)
- 3) Received “**Gunvanti** ” award for the year of 2017-18 from Tuljaram Chaturchand College, Baramati.

Worked as Resource Person

- 1) On occasion of Women’s day delivered lecture on ‘Mental health of women’ for all lady faculty member of the Tuljaram Chaturchand College, Baramati. 8 th March 2020
- 2) Worked as a resource person at faculty Development Program entitled as “Mathematics for Biological Science” organized by Shardabai Pawar Mahavidyalaya on 15 June 2020 to 20 June 2020
- 3) Worked as a resource person for S Y BSc. Syllabus detailing workshop organized by Department of Microbiology, Shardabai Pawar Mahila Mahavidyalaya dated on 22/06/2020
- 4) Worked as a resource person at Webinar on ‘Implementation of RUSA Software for NAAC’ dated on 1/12/2020 organized by Vidya Pratishthan’s Arts Science and Commerce College , Baramati.
- 5) Worked as a resource person at Webinar on ‘Implementation of RUSA Software for NAAC’ dated on 1/12/2020 organized by Sharda bai Pawar Mahila Mahavidyalaya dated on 15/12/2020
- 6) Worked as a resource person for Guest lecture series on NAAC Criteria under UGC PARAMARSH Scheme organized by Tuljaram Chaturchand College for Someshwar College of Science, Baramati. Topic: Revised accreditation framework of NAAC
Date:4/01 2021
- 7) Worked as a Academic Auditor for Baramati College of Pharmacy, Barhanpur, Baramati , dated on 23/03/2021
- 8) Worked as a guest speaker for lecture series organized by Shardabai Pawar Mahavidyalaya, entitled as “Mathematics for biological science” from 26 to 29 April 2021.
- 9) Worked as a resource person for workshop on RUSA software training dated on 21/5/21
- 10) Resource Person for Training program for RUSA software by Sangameshwar College, Solapur in association with RUSA Mumbai scheme TC college, 22 July 2021
- 11) Resource Person at the One day National Seminar on the theme “ Integrated Mode of Teaching & Learning –Use of Advance ICT Tools.” Held on 20th August 2022, in

collaboration with National Assessment and Accreditation Council (NAAC), being organized under the Internal Quality Cell (IQAC) of GHRIMR, Nagpur.

- 12) Resource Person for Workshop on “Quality Enhancement Initiatives for National Education Policy 2020”. Held on November 2022, organized by IQAC of Phaltan Education Society’s Mudhoji College. Phaltan .
- 13) Resource person at Two days state level Workshop on National Education policy 2020 Topic : Multidisciplinary Education dated on 14 th and 15 th Feb 2023 sponsored by SPPU organized by IQAC, Indapur Taluka Gramvikas Pratishthan’s Vishwasrao Ransing College, Arts , Commerce and Science, Kalamb –Walchandnagar, Indapur, Pune.
- 14) Resource person at one day workshop on “Implementation of NEP -2020” Held on 21/06/23 organized by G H RAISONI College of Arts, Commerce and Science, Wagholi , Pune.

Organized workshop

- 1) Worked as a **Coordinator** for Faculty Development Program on Mathematics for Biological Sciences organized by the Faculty development Center, UGC-Human Resource Development Centre, Savitribai Phule Pune University at the Tuljaram Chaturchand College, Baramati, during the period from 03/12/2018 to 9/12/2018.
- 2) Worked as a Coordinator for organization of International Conference (ICESMT 2019) in the Department of Microbiology, Tuljaram Chaturchand College. Baramati
- 3) Worked as an organizing secretary for organization of university level workshop on Maintenance and Operation of Laboratory Equipment.
- 4) Organized webinar on Quality Enhancing AQAR -SSR and its documentation under PARAMARSH scheme, dated on 30/06/2020
- 5) Organized two days online workshop on “CO, PO and its mapping” dated on 5 October to 6 October 2020.
- 6) Worked as an organizing secretary for national workshop on Covid Vaccine : Truth and Untruth unfold organized by Department of Microbiology, Tuljaram Chaturchand College under the RUSA dated on 27/01/21 to 29/01/21 for 3 days.
- 7) Organized two days’ workshop on Designing of MCQ , under the PARAMARSH scheme , dated on 18/05/21 to 19/05/21
- 8) Organized workshop on Training on RUSA software, under the PARAMARSH scheme, dated on 21/05/21
- 9) Organized workshop on Approaching NAAC with revised framework, under Paramarsh scheme dated on 28/9/21 to 29/9/21